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Title: TensorDecompostions : Unsupervised machine learning methods

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TensorDecompostions

Unsupervised Machine Learning|

Nonnegative Matrix Factorization

NMFk is a novel unsupervised Machine Learning method based on Matrix Decomposition coupled with sparsity and nonnegativity constraints.

NMFk is developed in Julia.

Nonnegative Tensor Factorization

NTFk is a novel unsupervised Machine Learning method based on Tensor Decomposition coupled with sparsity and nonnegativity constraints.

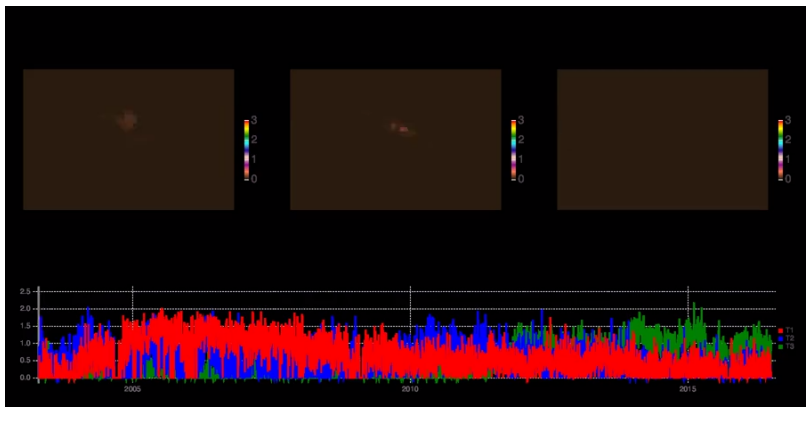
NTFk is developed in Julia.

Research

Machine Learning applications, publications, presentations and videos

Seismic Geothermal data

NTFk is applied to represent seismic processes associated with geothermal activities.



Publications

Presentations

Videos

Documentation

Coming soon!

Downloads

Coming soon!

GitHub

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Links